



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48933

THE FUTURE OF FLUBYTES

This is the last stand-alone issue of FluBytes. Beginning next week, FluBytes will be combined with MI Flu Focus. You will still be able to find FluBytes as a section within the new MI Flu Focus. The combined newsletter will be sent to both current distribution lists. Look for the new and improved MI Flu Focus to be sent out on Wednesday, October 8!

2014-15 INFLUENZA ACTIVITY

The 2014-15 influenza season is here! Some states, including Michigan, are already beginning to see influenza activity. Now is the perfect time to get flu vaccine, before activity spreads widely in the community.

- [Washtenaw County flu activity](#)
 - In September, 3 cases of confirmed influenza were reported in Washtenaw adults
 - The first case for the 2014-15 flu season was a hospitalized individual with influenza B

MDCH FALL REGIONAL IMMUNIZATION CONFERENCES

Registration for fall conferences is [open](#)! The Dearborn conference on October 23 is full. Make sure you register soon before other locations fill up. The following conferences still have spots open:

- | | |
|---------------------|-------------------------|
| - Oct. 7: Marquette | - Nov. 18: Grand Rapids |
| - Oct. 9: Gaylord | - Nov. 19: Kalamazoo |
| - Oct. 21: Flint | - Nov. 21: East Lansing |
| - Oct. 24: Troy | |

INFLUENZA-RELATED JOURNAL ARTICLES

- *Clinical Infectious Diseases*: [Impact of repeated vaccination on vaccine effectiveness against influenza A\(H3N2\) and B during 8 seasons](#)
 - Results of 5-year longitudinal study suggest people not recently vaccinated against influenza have most protective immune response to seasonal flu vaccine
 - Authors concluded additional studies needed to understand long-term effects of annual vaccination

AVIAN INFLUENZA A(H5N1) NEWS

- [Egypt reports human H5N1 avian flu in Giza infant](#)
- [Highly pathogenic avian influenza H5N1 detected in Russia](#)

MMWR: INFLUENZA ACTIVITY, MAY-SEPTEMBER 2014

The CDC published an article on influenza activity in the U.S. and worldwide between May 18 and September 20, 2014 in this week's MMWR. You can find the article [here](#).

Between May and September 2014, the U.S. experienced low levels of influenza activity. Two human infections with H3N2 variant virus (H3N2v) were reported by Ohio during that time.

The Southern Hemisphere saw typical seasonal patterns of influenza activity with the predominant circulating virus differing by country. The WHO recommendations for influenza vaccine composition for the 2015 Southern Hemisphere season were made in September 2014. The recommended 2015 Southern Hemisphere strains are:

- A/California/7/2009 (H1N1)-like virus;
- A/Switzerland/9715293/2013 (H3N2)-like virus;
- B/Phuket/3073/2013-like (B/Yamagata lineage) virus;
- B/Brisbane/60/2008-like (B/Victoria lineage) virus [in quadrivalent vaccines only].

This represents a change in the influenza A(H3N2) and influenza B/Yamagata lineage components from the 2014 Southern Hemisphere and 2014-15 Northern Hemisphere influenza vaccines.

OTHER INFLUENZA-RELATED NEWS

- [CDC Seasonal Flu Doses Distributed](#): ~87.9 million doses distributed in U.S. (week of September 26, 2014)
- American College of Allergy, Asthma & Immunology: [Despite what you've heard, kids with egg allergies should get the flu shot](#)
- [Protein Sciences releases Flublok influenza vaccine doses for 2014-15 flu season](#)
- U.S. DHHS press release: [HHS pursues detection tests for influenza](#)
- American Academy of Pediatrics: [Recommendations for prevention and control of influenza in children, 2014-2015](#)
- American College of Obstetricians and Gynecologists: [Influenza vaccination during pregnancy](#)

FLU WEBSITES

www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
<http://vaccine.healthmap.org/>

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